Jeffrey A. Krauss, Ph. D.
Telecommunications and Technology Policy
620 Hungerford Drive
Suite 27
Rockville, MD 20850
□□□□□□□□□
tel. 301-309-3703
fax. 301-309-9323
jkrauss@cpcug.org

April 10, 2002

Secretary
Federal Communications Commission
Washington, DC 20554

Re: ET Docket No. 01-75, Broadcast Auxiliary Service

Gentlemen:

On behalf of Microwave Radio Communications, I met with Ted Ryder and Tom Derenge on April9, and they raised the questions shown on the attached page in response to MRC's submission of April 3, 2002. MRC will try to provide answers promptly.

Sincerely,

Jeffrey Krauss

cc: Ted Ryder

Q. Regarding the answer to previous Question 1, you said "yes to all of the above" regarding the emission masks. Please clarify.

Q. Regarding the answer to previous Question #4,when the customer uses the TwinStream with only a single carrier present, would that carrier be located in the center of the channel?

Q. If the Commission decides to license TwinStream using a dual emission designator, one for the analog emission associated with a 17 MHz bandwidth and one for the digital emission associated with a 7 MHz bandwidth, will frequency coordinators be able to engineer adjacent channel operations more precisely than if only a 25 MHz emission designator were used for the dual carrier operation?

Q. Regarding the answer to previous Question #6, please clarify whether your opposition to the digital emission mask for ENG radios applies only to COFDM or also to QAM techniques?

Q. Why can't the COFDM radio use a tighter filter in the digital mode than the analog mode?

Q. Regarding your answer to previous Question #7, please clarify what is the relationship between tighter filtering and coverage area? Does tighter filtering reduce the linearity of the transmitter and thereby affect intermodulation products? Or is there some other mechanism at work?

Q. Regarding your answer to previous Question #8, please clarify whether the spectrum plot for the COFDM radio employs any filtering to keep the spectral emissions within the 8 MHz bandwidth? How does the filtering vary as the bandwidth varies from 8 MHz to 7 MHz to 6 MHz?

Q. The spectrum plots show either RL = -4.0 dBm or RL = -1.0 dBm. What does that mean?